

CLAIMS

1. A protein having an amino acid sequence shown in the sequence No. 2 in the sequence table, or an amino acid sequence wherein one or two or more amino acids are added, substituted or deleted in the amino acid sequence, and having an activation ability of macrophages.
2. The protein according to claim 1 inducible by nuclear factor NF-IL6.
3. A gene encoding the protein according to claim 1 or 2.
4. The DNA according to claim 3 having a base sequence shown in the sequence No. 1 in the sequence table.
5. The DNA capable of hybridizing to the DNA according to claim 3 or 4 under a stringent condition.
6. A polynucleotide consisting of at least 14 bases of the DNA according to claim 3 or 4.
7. The labeled polynucleotide according to claim 6.
8. A medicinal composition containing the protein according to claim 1 or 2 and pharmaceutically acceptable carriers.
9. The medicinal composition according to claim 8 for the treatment of the disorders capable of being treated or prevented by an activation action of macrophages.